Defense Information Systems Agency

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nterprise SharePoint Service (ESPS)

17 August 2011

Enterprise User Target State

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"I can go anywhere in the DOD, login, and be productive."

"I never have to make up a username, because its always the same everywhere – NIPR & SIPR."

"My CAC works at any base I go to – I just put it in a DoD computer and get an account."

- **Enterprise Identity**
- Persona Username, Display Name & E-Mail Address (FY11)
- Enterprise Authentication and Access Control (FY11)

- **DoD Visitor**
- Automatic account provisioning on any NIPR computer
- Being installed on all DoD domain controllers now
- NIPR (FY11) and SIPR (FY12)

"I can always be sure people can find me because there's just one place to enter my info."

"Wherever I am, I can get to my e-mail, files & content, use office apps and find people."

- **Enterprise User Data**
- Personnel Portal at DMDC (FY11)
- Enterprise Identity & Contact Data Synchronization (FY11)

- **Basic Web Services**
- E-Mail (FY11)
- SharePoint (FY12)
- Office Web Applications (FY12)
- Directory Services (GAL & White Pages) (FY12)
- File Storage Service (*MyStuff*) (FY12)
- Content Management Service (FY12)

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Service Offering

- **SharePoint 2010 (Standard and Enterprise) is a new service offering**
  - **Standard – Basic features like document libraries, team sites/calendar, task lists, blogs, & basic work flows**
  - **Enterprise – Standard features + FAST search, Office Web Apps, performance indicators, and 3rd party tools**
  - **http://thecommunicator.co.cc/2010/05/03/sharepoint-2010-feature-comparison-sharepoint-foundation-2010-vs-sharepoint-2010-standardenterprise/**
- **NIPRNet and SIPRNet**
- **Current Status (NIPRNet only)**
  - **Staging environment – Active**
  - **Production environment – 31 Aug 2011**

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Enterprise SharePoint Service (ESPS) Principles (1 of 2)

- Fits the NIST Definition for Software as a Service (SaaS)
- Subscribers must have a valid client access license (CAL) for the appropriate platform (Enterprise or Standard)
- DISA will manage the multi-tenant environment for the Department of Defense
- DoD Components will manage their own SP site collections and content
- Not all customer requirements are appropriate for a multi-tenant environment like the one that ESPS provides

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Enterprise SharePoint Service (ESPS) Principles (2 of 2)

- 3rd party software for appropriate functionality is included
- Subscribers may purchase optional applications, such as Microsoft Project, which will be integrated with the platform
- DISA accredits the system
- Subscribers agree to authenticate with the system using the methodology and mechanisms provided
- Subscribers agree to keep their end user devices & software current in order to be compatible with the multi-tenant environment

Operational Concept

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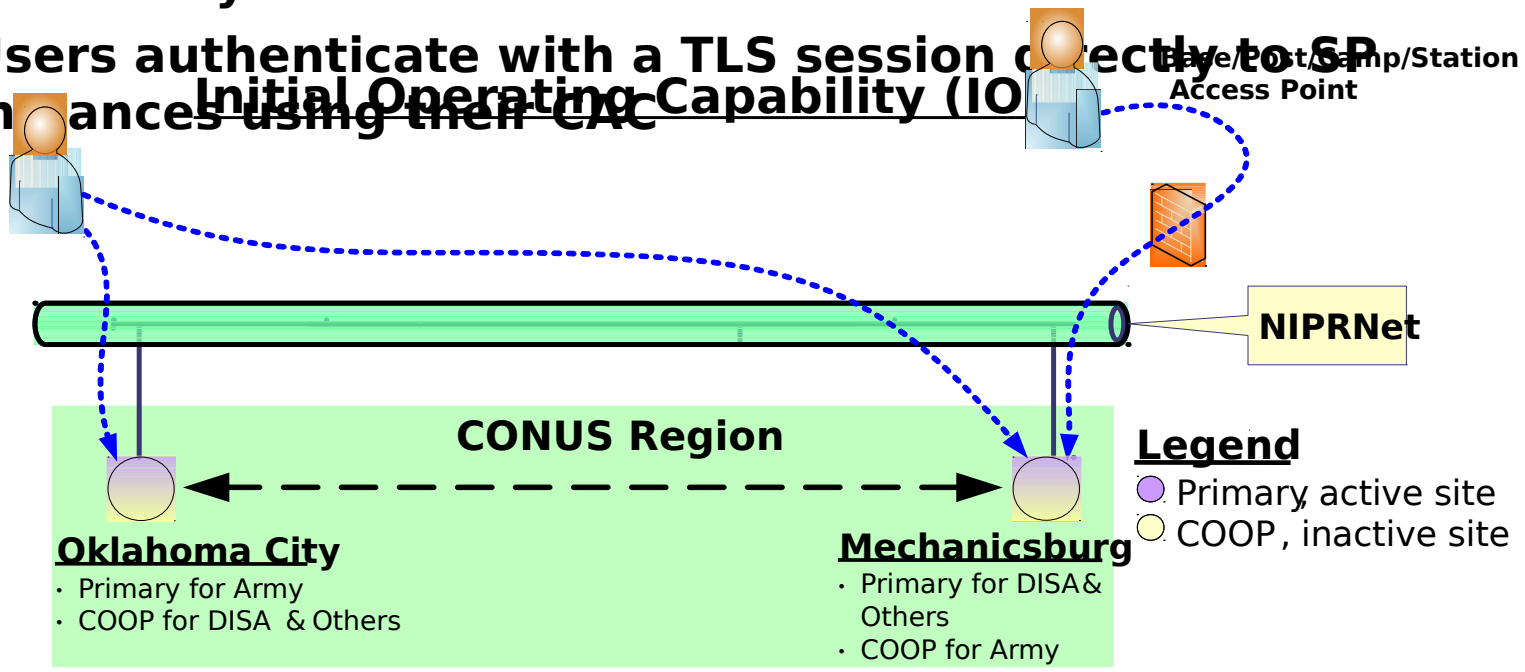
- SharePoint (SP) site collections are globally accessible
- SP site collections are provided by one of two CONUS SP instances
- The two CONUS SP instances provide COOP for one another
- Each site collection is active on only one SP instance at any given time
- Users may access either SP instance from the NIPRNet
- Users authenticate with a TLS session directly to SP instances using their CAC

Initial Operating Capability (IOC)



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Staging Environment

- **Staging is required if customer has an existing SharePoint implementation with content that needs to be migrated**
  - **Purpose – Provide a test environment for customer and DISA**
  - **Duration ~ 4 – 6 weeks depending on size of data**
  - **Limited to ~ 50 users**
  - **DECC Mechanicsburg responsible for migration to production**
  - **All custom applications to be tested in the staging environment**

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Storage

- **SharePoint is a collaboration platform and is not intended to provide primary storage**
  - **Other Enterprise services, such as the Cloud Based File Storage (CBFS) and Enterprise content/records management service will provide more storage (expected in late FY12)**
- **Storage is one of the largest cost drivers**
- **ESPS is similar to commercial SharePoint service offerings and includes 250 MB/user**
  - **Each DoD Component may allocate the storage for their organization across its site collections**
  - **Additional storage can be purchased**

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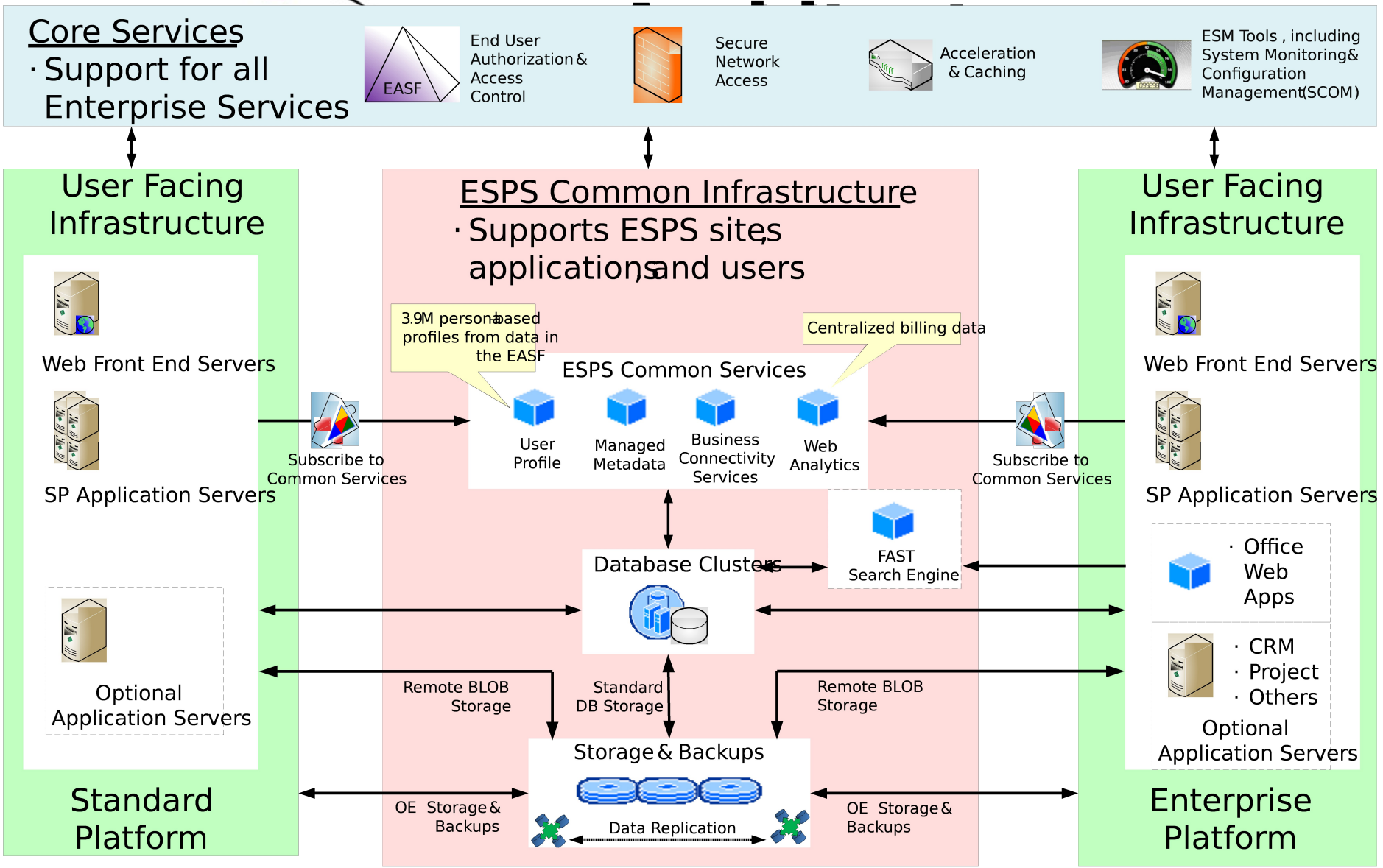
Third Party Functionality

Functions	Intended Users
• Remote BLOB storage	• ESPS administrators
• Provide selective restore functionality	• ESPS administrators
• Manage backups	• ESPS administrators
• Manage user access to site collections • Respond to security incidents such as spills	• ESPS administrators • Site collection administrators
• Workflow • Business Process Management	• SP site administrators • End users
• Data aggregation • Dashboards • Reporting	• SP site administrators • End users

ESPS Functional



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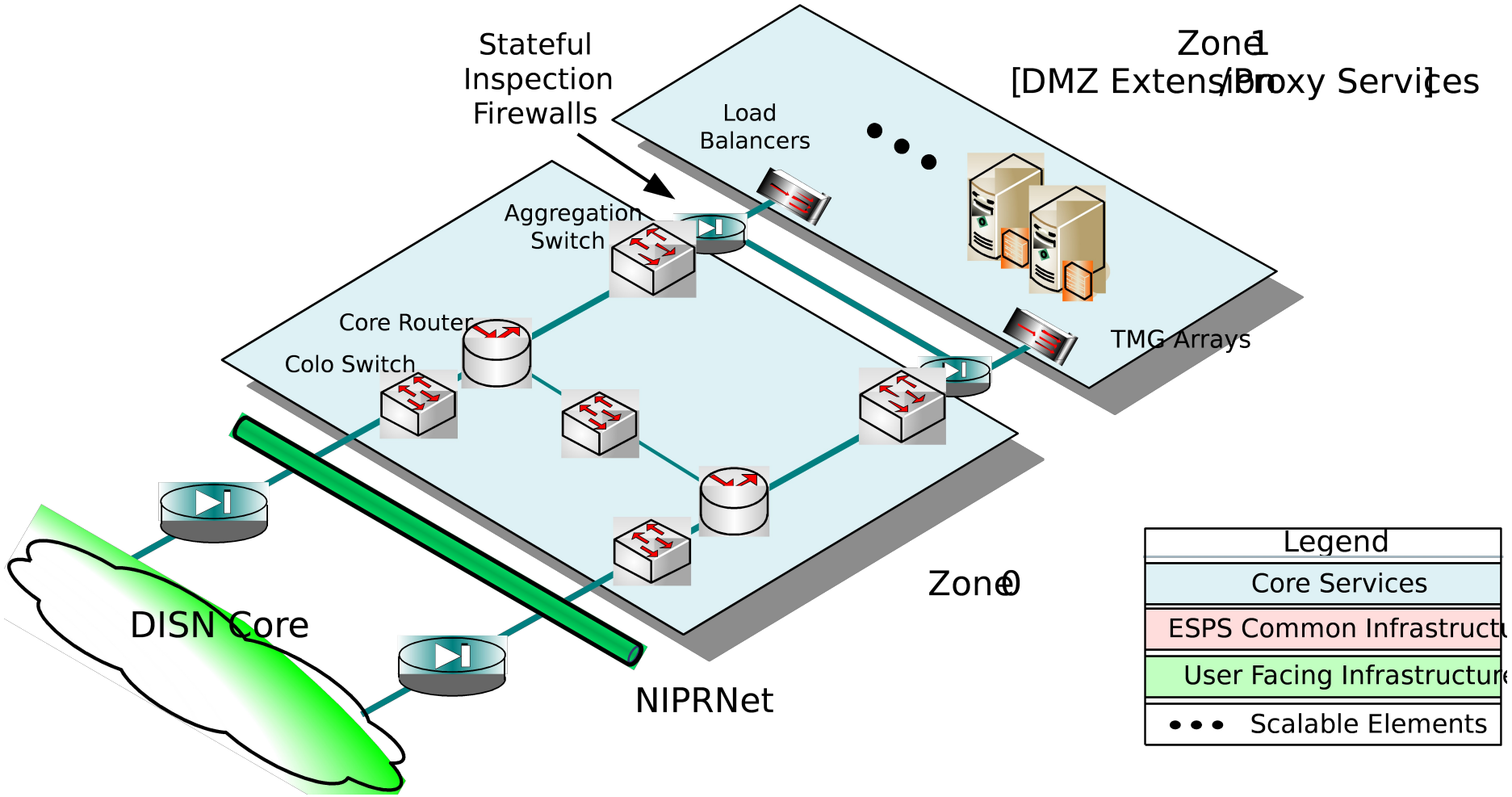
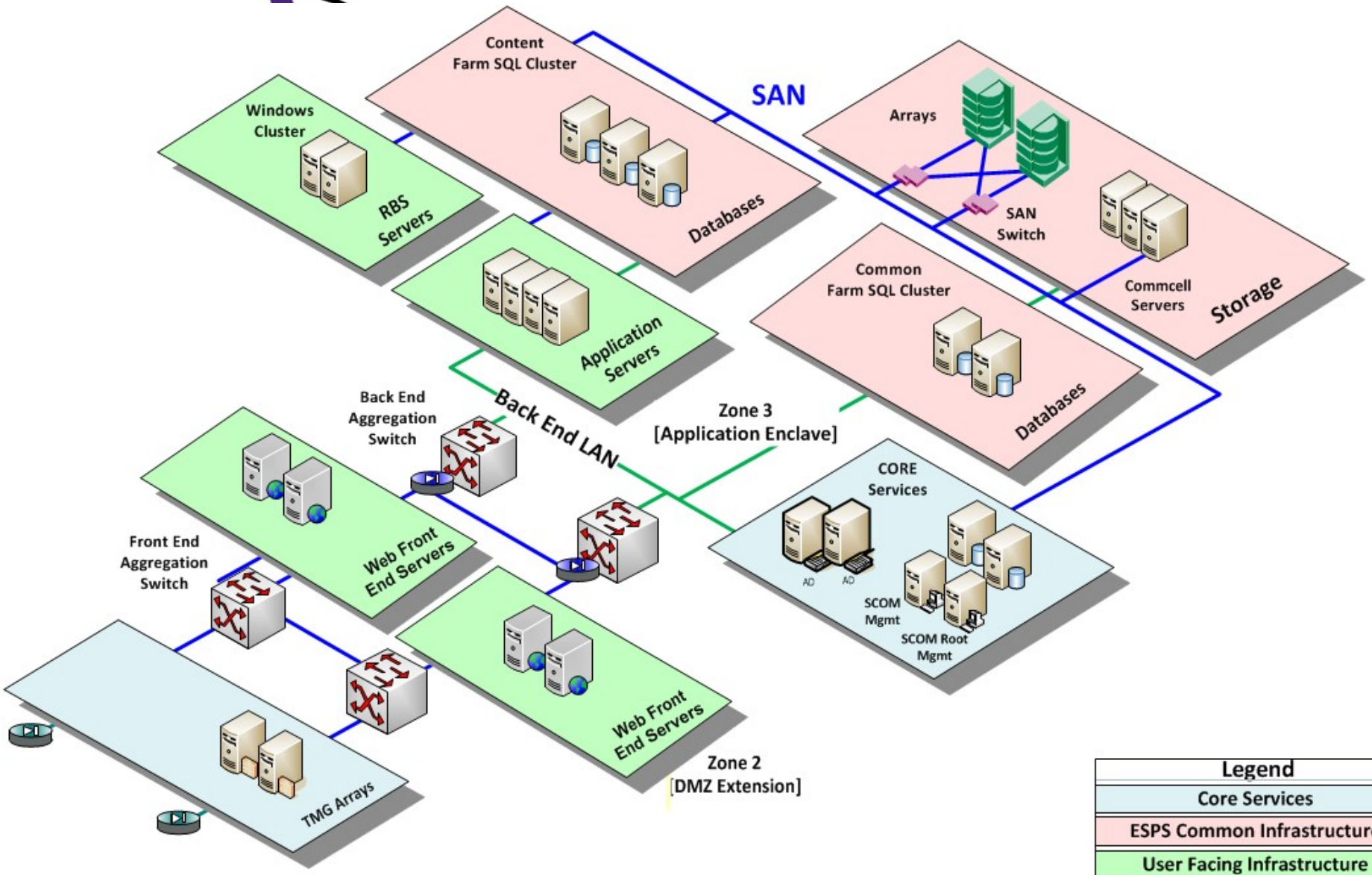
Network Infrastructure



ESPS Topology



Legend
Core Services
ESPS Common Infrastructure
User Facing Infrastructure

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